

15. (Amended) A motor controller according to Claim 3, wherein said controller switches current detection timing according to a motor speed.

Please add new claims 19-23 as follows:

19. (new) A motor controller according to Claim 9, wherein said controller has a detection phase changing unit for changing said detection phase by adding a zero-phase voltage to said voltage.

20. (Amended) A motor controller according to Claim 11, wherein said controller has a detection phase changing unit for changing said detection phase by adding a zero-phase voltage to said voltage.

21. (Amended) A motor controller according to Claim 12, wherein said controller has a detection phase changing unit for changing said detection phase by adding a zero-phase voltage to said voltage.

22. (Amended) A motor controller according to Claim 13, wherein said controller has a detection phase changing unit for changing said detection phase by adding a zero-phase voltage to said voltage.

23. (new) A motor controller according to Claim 4, wherein said controller switches current detection timing according to a motor speed.